

**Abstract of the Disclosure**

Please replace the abstract as follows:

5           It is an object to provide, in a data storage  
circuit for storing data, provide a power saving data  
storage circuit and a data writing method in the data  
storage circuit, and, further, to provide a data storage  
device.

10           Thus, in the present invention, reading out  
existing data stored in a storage element M is performed  
prior to performing writing of new data to the storage  
element M to compare the existing data and the new data.  
The data storage circuit is configured so that in a case  
15 where the existing data and the new data are identical  
with each other, writing to the storage element M is not  
performed, and, in a case where the existing data and the  
new data are not identical with each other, writing of  
the new data to the storage element M is performed. The  
20 data storage circuit is formed on a semiconductor  
substrate to have a data storage device.

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